

## IN THE CLAIMS

1. The method for inputting text to a computer type apparatus having a data

a processing means, a text handling system, a memory, a display, and a pointing means  
comprising the steps of:

a) displaying a plurality of items on said display for word starts;

a b) assigning a very frequent word, <sup>and a starting letter</sup> or VFW, to each said items;

a c) selecting one of said items <sup>chosen word</sup> with said pointing means; and

a d) inputting the <sup>chosen word</sup> VFW assigned to the selected one of said items to said text  
handling system..

2. The method according to Claim 1 wherein said memory holds a set of inflection  
suffixes and including the steps of:

a j) designating each of inflection suffixes to a direction and a pattern;

a k) moving said pointing means in a chosen direction and pattern; and

a l) applying the inflection suffix designated to the chosen direction and pattern  
to the <sup>chosen word</sup> VFW of step d).

3. The method according to Claim 2 wherein the number of directions is eight and  
there are more than one pattern.

4. The method according to Claim 1 wherein the one of said VFWs have a set of  
related words and including the steps of:

a j) designating each of said related words to a direction and a pattern;

a k) moving said pointing means in a chosen direction and pattern; and

a l) substituting the one of said related words designated by the chosen direction  
and pattern for the <sup>chosen word</sup> VFW in step d).

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5. The method according to Claim 1 wherein the one of said VFWs assigned to the selected item has a set of 2<sup>nd</sup> words assigned and including the steps of:

- a j) designating each of said 2<sup>nd</sup> words to a direction and a pattern;
- a k) moving said pointing means in a chosen direction and pattern; and
- a l) inserting the one of said 2<sup>nd</sup> words designated by said chosen direction and pattern to accompany the <sup>chosen word</sup> ~~VFW~~ in step g).

6. The method according to Claim 1 wherein said memory holds a set of punctuation and other word endings and including the steps of:

- a j) designating each of said punctuation and other word endings to a direction and a pattern;
- a k) moving said pointing means in a chosen direction and pattern; and
- a l) applying the ending designated to said chosen direction and pattern to the <sup>chosen word</sup> ~~VFW~~ of step d).

7. The method according to Claim 1 wherein one of said VFWs is the word "a" and said memory holds a special set of characters and letter strings starting with vowel sounds and including the steps of:

- e) designating the location to which the word "a" is inputted;
- f) comparing the starting to the next word inputted with said special set; and
- g) inserting the letter 'n' to append to the inputted word "a" if step f) finds a match.

8. The method according to Claim 1 wherein said memory holds each digit with a set of members comprising related words, related number values, and related characters and wherein the displayed items of step a) include said digits and wherein said method includes the steps of:

a j) picking one of said displayed items representing a digit with said pointing means;

a k) designating each of said digit related members to a direction and a pattern;

a l) moving said pointing means in a chosen direction and pattern; and

a m) transferring the member designated to the chosen direction and pattern to said text handling system.

9. The method according to Claim 1 wherein said memory holds a plurality of sets of word stems, and including the steps of:

e) also assigning a starting letter string, or SLS, to each said items;

f) picking the VFW or SLS assigned to the selected item with said pointing means;

g) accessing a set of said word stems associated with each picked SLS;

h) presenting the accessed word stem set on said display; and

i) obtaining one of the word stems presented with said point means; and

j) substituting the word stem obtained for the VFW in step d).

10. The method according to Claim 9 wherein said pointing means includes two buttons and wherein step f) is replaced by the step of:

k) operating one of said buttons to pick the assigned VFW or SLS.

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11. The method according to Claim 9 wherein said memory holds strings of word stems and a set of letters each assigned to a direction and a pattern and wherein steps f) and g) are replaced by the steps of:

k) moving said pointing means in the direction and pattern to which one of said of letters is assigned.

l) extending the SLS with said letter to a longer SLS; and

m) accessing a set of words for said longer SLS.

12. The method according to Claim 9 wherein said memory holds strings of word stems and groups of letters each assigned to a direction and a pattern and wherein steps k), g) and m) are replaced by the steps of:

k) moving said pointing means in the direction and pattern to which one of said of group of letters is assigned.

l) extending the SLS with each of the letters of said group to longer SLSs; and

m) accessing the word stems with starting letters matching said longer SLSs.

13. The method for inputting text to a computer type apparatus having a data processing means, a text handling system, a memory holding sets of words assigned to starting letters, a display, and a pointing means comprising the steps of:

a) presenting a set of starting letters, or SLs, and a set of very frequent words, or VFWs, on said display as displayed items for word starts;

b) selecting one of said VFWs or one of said SLs with said pointing means;

c) inputting selected VFWs to said text handling system;

d) accessing said memory for the set of words assigned to selected SLs;

f) displaying the sets of words accessed on said display; and

g) obtaining one of the words from said displayed set with said pointing means;

h) transferring the obtained word to said text handling system.

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14. The method according to Claim 13 wherein said memory also holds a set of inflection suffixes and including the steps of:

- i) assigning each of said inflection suffixes to a direction and a pattern;
- j) moving said pointing means in a chosen direction and pattern;
- k) applying the inflection suffix assigned to the chosen direction and pattern to the selected VFW of step b); and
- l) substituting the result of step k) for the VFW in step c0.

15. The method according to Claim 13 wherein said memory holds second sets of word sets and including the steps of:

- i) assigning each of a set of different inputs of letters and access of said second sets of word sets to a direction and a pattern;
- j) moving said pointing means in a chosen direction and pattern;
- k) setting up the input assigned to the direction and pattern chosen; and
- l) inputting the input set up to said test handling system.

16. The method for inputting text to a computer type apparatus having a data processing means, a text handling system, a memory, a display, and a pointing means comprising the steps of:

- a) displaying a plurality of items on said display for word start inputs;
- b) assigning a text unit with multiple inputs to each of said displayed items;
- c) designating each of said multiple inputs to a direction and a pattern;
- c) selecting one of said displayed items with said pointing means;
- d) moving said pointing means in a chosen direction and pattern;
- e) inputting the one of said multiple inputs designated to the chosen direction and pattern to said text handling system.

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17. The method according to Claim 16 wherein there eight directions and more than one pattern.

18. The method according to Claim 17 wherein one of said patterns is a 'Hop' or movement above the surface.

19. The method according to Claim 17 wherein said patterns are straight lines and one of said patterns is distinguished by a starting delay.

20. The method according to Claim 17 wherein said patterns are straight lines and one of said patterns is distinguished by an ending stop.

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